



RECEIVED

MAR 17 2006

ECEJ-TEP



March 14, 2006

Sent via U.S. Mail

Eric Johnson
U.S. Environmental Protection Agency
Region 8, 8ENF-T
999 18th Street, Suite 300
Denver, Colorado 80202-2466

RE: Progress report for February 2006 activities - Hecla Mining Company Apex Site (EPA ID No. UT982589848, Docket No. RCRA-8-99-06)

Dear Mr. Johnson:

Per paragraph 64 of the Order, enclosed is a copy of the February 2006 progress report for your records.

If you have any questions please do not hesitate to call me at (208) 769-4135 or e-mail at cgypton@hecla-mining.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Gypton".

Chris Gypton
Project Manager

Encl

Cc: HMC Legal Dept (w/o attachments)
John Jacus, Esq. (DG&S)



March 10, 2006

MEMORANDUM TO: Paul Glader
COPIES TO: file, distribution
FROM: Chris Gypton
SUBJECT: **Progress Report No. 22 for period ending February 28, 2006; Pond 2 Final Closure - Apex Site, Washington County, Utah**

Summary

Gila Management's contract was closed out early in the month. With the exception of Monster Engineering's on-going assistance with review of long term monitoring data, all other contracts are complete.

The second visual inspection, per the long term monitoring plan, was conducted on February 18th. No unusual conditions were noted. The settlement monuments were surveyed on February 8th.

The construction completion report draft was completed at the end of the month. The remaining activities for this deliverable include proof reading and reproduction of copies for distribution.

Major Issues

1. BIA demand to have Pond 2 removed from Shivwits' property – This issue is still not resolved, however we completed Phase III with the force majeure provisions in the 7003 order still in effect.

Work Planned for Next Period

1. Issue construction completion report.
2. Long term monitoring, including visual inspection and survey of settlement monuments.

Work in Process

Phase III Final Cover Construction

1. All field activities are complete.
2. Copies of field reports, contractor submittals and QA-QC records, for the construction completion report, were received from Gila Management on February 9th.
3. Monster Engineering issued drafts of their sections for the construction completion report the week of February 27th.
4. We still have not received the aerial photo from Alpha Engineering.

Sampling and Analysis in Period

Material Characterization

1. No activity

Field Tests, Inspections & QA/QC

1. The second site inspection was done on February 18th, a copy of the inspection report is included in the Supplemental Attachments section.
2. Alpha Engineering surveyed the settlement monuments on February 8th. Analysis of the two available months (January and February 2006) did not identify an cause for concern; a copy of this analysis will be included in the construction completion report.

Cost and Schedule

Committed costs in February 2006 were approximately \$2,500. Total project to date committed is approximately \$1,223,200. Forecast cost at completion for Phases I through III is estimated to be \$1,228,000, excluding long term monitoring. Long term monitoring costs will be itemized separately in the March 2006 cost report.

The cost report for February is attached. Current status of the deliverables listed in the RCRA 7003 order is as follows:

Deliverable	Reference Paragraph	Due	Remarks
Post warning signage around perimeter of site	57	15 days after effective date of order	Work completed on March 9, 2004
Begin implementation of closure plan	63	45 days after receipt of filing of order	Work started on February 23, 2004
Monthly progress reports	64	28th day after close of month	Requirement in effect after order is filed.
Completion report	66	30 days after completion of all closure plan tasks	To be submitted within 30 days after work has been physically completed and all contracts closed out. Follow-up report to be issued after end of monitoring period.

The update of the schedule milestones is on the following table:

Milestone	Target	Actual	Remarks
Issue bid package – Phase I (Sump Drains)	6/14/04	6/15/04	Portion of RFP materials issued at pre-bid on 6/14/04; remainder sent via courier
Issue RFP package – Phase III	6/24/04	6/24/04	
Award contract for Phase I	6/24/04	6/29/04	Date contract was shipped to Hughes
Pre-bid meeting – Phase III	7/19/04	7/19/04	
Start Phase I (Sump Drains) construction	7/12/04	7/19/04	
Start Phase II (Evaporation)	7/19/04	7/29/04	
Receive bids for Phase III	8/2/04	8/2/04	
Re-bid Phase III contract package	April 2005	4/27/05	Date bid package was sent to Hughes
Start Phase III construction	End of August 2005	8/29/05	Start of contractor mobilization
Complete Phase III construction	Dec 23rd 2005	12/23/05	Completion of contract scope of work
Issue Construction Completion Report	Week of 3/13/2006		

Supplemental Attachments

1. February 18, 2006 long term monitoring inspection report, by D. Truman.

**Apex Site - Pond 2 Final Closure
Project Cost Report**

Date Printed: 3/14/2006

Activity	2004 Budget	Revised Budget May 2004	Committed Cost this Period	Cumulative Committed Cost To Date 2-29-06	Forecasted Cost To Complete	Forecasted Final Cost	Remarks on Forecast to Complete
Phase I - Drain Excess Liquid From Tailings							
Test wick program - Nillex		35,000		35,000	0	35,000	
Earthwork during wick test program		2,000		1,768	0	1,768	
Install drainage piping and sumps		32,200		30,000	0	30,000	
Survey monuments		3,500		1,160	0	1,160	
Subtotal Phase I	189,200	72,700		67,928	0	67,928	
Phase II - Evaporate Excess Liquid							
Operate evaporation & pumping system		8,000		11,686		11,686	FY 2004 work only
Test pits to determine dewatering progress				2,475		2,475	
Upgrade evaporation cells & collection sumps				146,729		146,729	
Dewatering & seepage collection management				81,992		81,992	Fall FY 2004 through summer FY 2005
Subtotal Phase II	6,000	8,000	0	242,882	0	242,882	
Phase III - Regrading & Final Cover System							
Contractor mobilization/demobilization		20,000		52,426		52,426	
Clear site for construction		3,000		7,500		7,500	
Prepare Site for GCL Placement		20,600		87,000		87,000	
Place GCL		250,000		167,000		167,000	
Installation of Protective Cover		19,000		50,000		50,000	
Embankment Reconstruction		15,950		50,000		50,000	
Provide for Proper Site Drainage		13,600		40,000		40,000	
Change Orders:							
Repair existing liner edge				15,000		15,000	
Hydroseeding				11,650		11,650	
Additional work for surface diversion				24,166		24,166	
Subtotal Phase III	337,000	342,650	0	604,742	0	604,742	
Field Indirect Costs (Phases I through III)							
Construction Management labor		106,360		250,405		250,405	
Construction Management field expenses		38,575		57,844		57,844	
Field office trailer		6,525		4,913		4,913	
CQA testing		9,200		685		685	
CQA completion report		5,000	940	940	2,000	2,940	
Survey and layout		2,208	675	3,302		3,302	
Material classification tests		1,500		5,332		5,332	
Consulting Engineer		42,200		55,098		55,098	
Subtotal Consultants	184,500	213,868	1,615	378,617	2,000	380,617	
Hecia Costs (Phases I through III)							
Labor	15,500	15,500	910	25,147	1,800	26,947	
Travel expenses	3,200	3,200		4,028	650	4,678	
Subtotal Hecia Costs	18,700	18,700	910	29,175	2,450	31,625	
Total Pond 2 Final Closure - Phases I through III	715,400	655,018	2,525	1,223,242	4,450	1,227,692	

Annual Site Inspection Summary Sheet - Apex Site - Pond 2

Hecia Mining Company - Long-Term Maintenance and Monitoring Plan

Form 1 of 4 - Summary

Date: <u>2/18/06</u>			
Inspector: <u>D. Ruelas</u>			
Cover System Component	Potential Problem		Limits Potentially Exceeded
Site Perimeter	Erosion or Fencing Issues		NA
Cover System (outslopes, top, rock)	Subsidence		Minor: ponding < 1" some gullying / erosion Yes <u>X</u> * No <u> </u>
			Significant: see Table 2 Yes <u> </u> * No <u>X</u>
	Embankment Slope Stability		excessive movement or surface cracks > than 1" Yes <u> </u> * No <u>X</u>
	Gullying	on top	depth > 1" Yes <u> </u> * No <u>✓</u>
		at embankment crest or on outslope	depth > 2" Yes <u> </u> * No <u>X</u>
		w/in normal flow channel in diversion channel	no gullying allowed Yes <u> </u> * No <u>X</u>
		w/in diversions at toe of impoundment outslope	no gullying allowed Yes <u> </u> * No <u>X</u>
		in diversion channel at any other location	NA NA
	Erosion Protection Stability		rock subsiding or missing Yes <u> </u> * No <u>X</u>
	Seepage		no colored seepage allowed (red, blue, yellow w/ crystallization) Yes <u> </u> * No <u>X</u>
Runoff Control System	Diversion Channel		rock in place, channel not moving, fence stable Yes <u>X</u> * No <u> </u>
	Diversion Swales		rock in place, no silting in or head cutting Yes <u>X</u> * No <u> </u>
	Excessive silt build up at fence lines in diversion channel		allowed if not effecting cover system Yes <u>X</u> * No <u> </u>

* Mark all areas of concern or requiring repairs on attached site map.

Annual Site Inspection - Apex Site - Pond 2

Hecla Mining Company - Long-Term Maintenance and Monitoring Plan

Form 2 of 4 - Site Perimeter

Inspection Date: <u>2/18/06</u>	
Inspector: <u>Thomas</u>	
Visible Outlying Areas	
Observed Condition:	<u>There was no new changes since last month. We have not received any moisture since last month.</u>
Observed Damage:	<u>NONE</u>
May require repair: Yes <input type="checkbox"/> * No <input type="checkbox"/>	
Property Boundary Fence and Gate (walk fence line)	
Observed Condition:	<u>All Fence was in good repair</u>
Observed Damage:	<u>NONE</u>
Potential Corrective Actions:	<u>NONE</u>
May require repair: Yes <input type="checkbox"/> * No <input type="checkbox"/>	
All Upgradient Areas (areas that drain onto property)	
Observed Condition:	<u>They have removed all of dirt on the west side of the gate. The road is gone.</u>
Observed Damage:	<u>I think it's all on other property</u>
May require repair: Yes <input type="checkbox"/> * No <input type="checkbox"/>	

* Mark all areas of concern or requiring repairs on attached site map.

Annual Site Inspection - Apex Site - Pond 2

Hecla Mining Company - Long-Term Maintenance and Monitoring Plan

Form 3 of 4 - Impoundment

Inspection Date: <u>11/18/06</u> Inspector: <u>T. R. Jones</u>			
Outslopes			
Observed Performance:	Rock Cover Subsidence:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Excessive Slope Movement (failure):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Gully Development:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Observable Leachate (colored):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Excessive Siltation (at slope toe):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
Observed Damage: <u>NONE</u>			
Potential Corrective Actions: <u>NONE</u>			
Top (top surface soils)			
Observed Performance:	Cracking (>1" width):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Settlement / Evidence of Ponding:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Erosion / Gullying:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
Observed Damage: <u>NONE</u>			
Potential Corrective Actions: <u>NONE</u>			
Erosion Protection Layer (rock)			
Observed Performance:	Rock Staying in Place:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Rock Subsiding:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Missing Rock:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
Observed Damage: <u>NONE</u>			
Potential Corrective Actions: <u>NONE</u>			

* Mark all areas of concern or requiring repairs on attached site map.

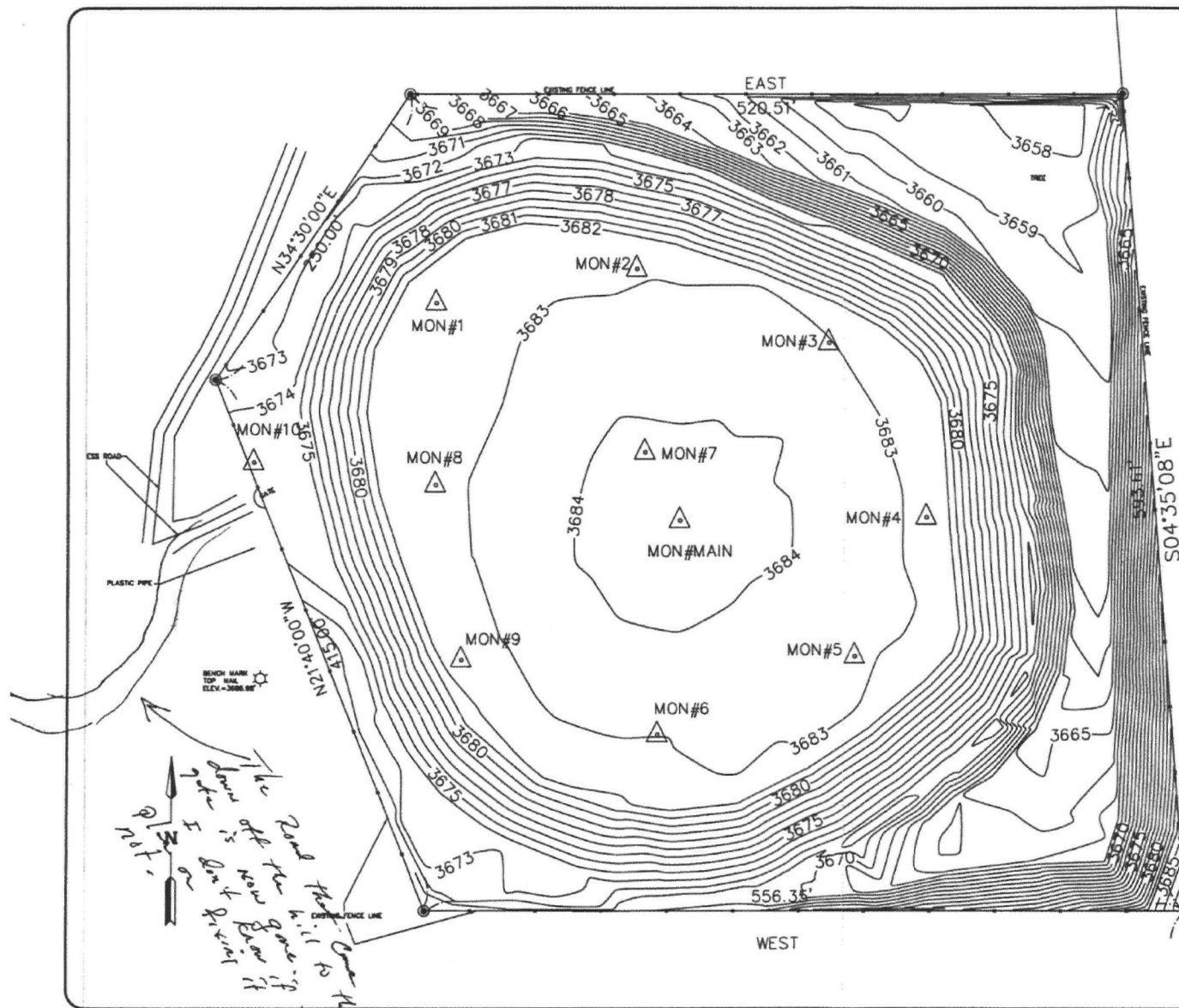
Annual Site Inspection - Apex Site - Pond 2

Hecla Mining Company - Long-Term Maintenance and Monitoring Plan

Form 4 of 4 - Diversion Channel and Swales

Date: <u>1/18/06</u>			
Inspector: <u>J. R. [Signature]</u>			
Diversion Channel			
Observed Performance:	Erosion Protection in place:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Normal Flow Channel in place:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Encroaching on Site Fencing:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
Observed Damage: <u>NONE</u>			
Potential Corrective Actions: <u>NOTE</u>			
Diversion Swales			
Observed Performance:	Erosion Protection in place:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Flow Channel Silting In:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
	Head Cutting:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	May require repair: Yes <input type="checkbox"/> * No <input checked="" type="checkbox"/>
Observed Damage: <u>NONE</u>			
Potential Corrective Actions: <u>NOTE</u>			

* Mark all areas of concern or requiring repairs on attached site map.



SITE INSPECTION

Inspector: *Don Thomas*

Inspection Date: *2/14/06*

Notes:

- LEGEND**
- FND REBAR & CAP
ALPHA ENGINEERING CO.
 - △ MONITORING MONUMENT
 - X — FENCE LINE
 - CONTOUR INTERVAL = 1.0' FOOT

This drawing is the property of Hecla Mining Company. This drawing is furnished for the sole use of the recipient and acceptance of same constitutes an agreement that it will not be published, reproduced or given to any other party without our permission, unless furnished to recipient under contract provisions and shall remain the property of Hecla Mining Company subject to return on request.

DATE	20 Feb. 06
DRAWN BY	S. Thomas
CHECKED BY	C. Gypson
SCALE	1" = 70'
POND 2 FINAL CLOSURE APEX SITE	
WASHINGTON COUNTY UTAH	
Hecla MINING COMPANY	
FIGURE NO. 1	



March 14, 2006

Sent via U.S. Mail

Glenn Rogers, Chairman.
Shiwits Band of Paiute Indian Tribe
P.O. Box 448
Santa Clara, Utah 84765

John Krause
Bureau of Indian Affairs Phoenix Area Office
U.S. Department of Interior
P.O. Box 10
Phoenix, AZ 85001

Kelly Youngbear
BIA Southern Paiute Agency
P.O. Box 720
St. George, UT 84771

RE: Progress report for February 2006 activities - Hecla Mining Company Apex Site (EPA ID No. UT982589848, Docket No. RCRA-8-99-06)

Dear Chairman Rogers, Mr. Krause and Ms. Youngbear:

Per paragraph 64 of the Order, enclosed is a copy of the February 2006 progress report for your records.

If you have any questions please do not hesitate to call me at (208) 769-4135 or e-mail at cgyp-ton@hecla-mining.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Gypton", written over a horizontal line.

Chris Gypton
Project Manager

End

Cc: HMC Legal Dept. (w/o attachments)
John Jacus, Esq. (DG&S) (w/o attachments)
Eric Johnson (USEPA, Region VIII) (w/o attachments)